**Geo/Alg2, Section 10.4 Use Inscribed Angles and Polygons, p 672**

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3. 

4. 

5. 

6. 

7. 

8. 

9. The measure of the arcs add up to ; change the measure of  to  or change the measure of arc  to .

10.  and 

11.  and 

12.  and 

13. 

14. 

15. 

16. B; 

17. a. 

b. about 

c. 

18. A; 5

19. 

20. Yes; opposite angles are  and thus are supplementary.

21. Yes; opposite angles are  and thus are supplementary.

22. No; opposite angles are not always supplementary.

23. No; opposite angles are not supplementary.

24. No; opposite angles are not supplementary.

25. Yes; opposite angles are supplementary.